

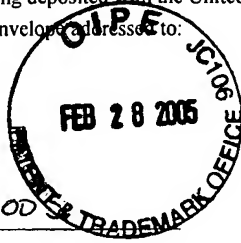
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On FEBRUARY 23, 2005

TOWNSEND and TOWNSEND and CREW LLP

By: Mark T. Davis
Mark T. Davis



PATENT
Attorney Docket No.: 020144-000711US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Pierre F. Indermuhle, et al.

Application No.: 10/829,021

Filed: April 20, 2004

For: MICRODEVICE AND METHOD
FOR DETECTING A
CHARACTERISTIC OF A FLUID

Examiner: Unassigned

Art Unit: 1641

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

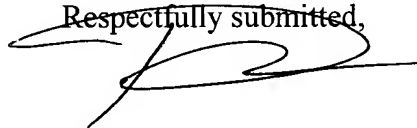
The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/759,106, filed January 11, 2001 now U.S. Patent No. 6,794,197 issued September 21, 2004 (Attorney Docket No. 020144-000710US). It is respectfully requested that the cited references be expressly considered during the prosecution of this

application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

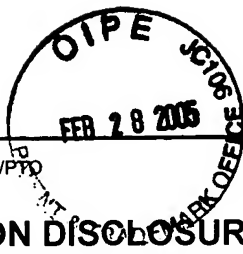
Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Patrick R. Jewik
Reg. No. 40,456

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, Eighth Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
PRJ:mtd
60427678 v1



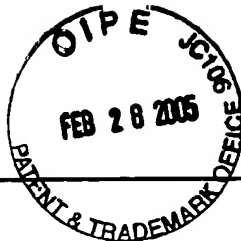
Substitute for form 1449A/PYO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	10/829,021
			Filing Date	April 20, 2004
			First Named Inventor	Indermuhle, Pierre F.
			Art Unit	1641
Examiner Name	Unassigned			
Sheet	1	of	Attorney Docket Number	020144-000711US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US 4894146	01-1990	Giddings.	
	AB	US 5304487	04-1994	Wilding et al.	
	AC	US 5376252	12-1994	Ekstrom et al.	
	AD	US 5635358	06-1997	Wilding et al.	
	AE	US 5653864	08-1997	Gotoh et al.	
	AF	US 5674698	10-1997	Zarling et al.	
	AG	US 5716825	02-1998	Hancock et al.	
	AH	US 5726026	03-1998	Wilding et al.	
	AI	US 5849208	12-1998	Hayes et al.	
	AJ	US 5854684	12-1998	Stabile et al.	
	AK	US 5872010	02-1999	Karger et al.	
	AL	US 5942443	08-1999	Parce et al.	
	AM	US 6068752	05-2000	Dubrow et al.	
	AN	US 6083763	07-2000	Balch	
	AO	US 6107080	08-2000	Lennox.	
	AP	US 6132685	10-2000	Kercso et al.	
	AQ	US 6150180	11-2000	Parce et al.	
	AR	US 6153073	11-2000	Dubrow et al.	
	AS	US 6171850	01-2001	Nagle et al.	
	AT	US 6368871	04-2002	Christel et al.	
	AU	US 6794197	09-2004	Indermuhle et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AV	WO	96/04547		02-1996			<input type="checkbox"/>
	AW	WO	00/04390		01-2000			<input type="checkbox"/>

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.
60427678 v1



Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/829,021	
			Filing Date	April 20, 2004	
			First Named Inventor	Indermuhle, Pierre F.	
			Art Unit	1641	
			Examiner Name	Unassigned	
Sheet	2	of	Attorney Docket Number		020144-000711US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AX	Andreas Manz, et al., "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems--Capillary electrophoresis on a chip", Journal of Chromatography, 1992, 253-258, No. 593, Elsevier Science Publishers B.V., Amsterdam.	
	AY	Adam T. Woolley, et al., "Ultra-high-speed DNA fragment separations using micofabricated capillary array electrophoresis chips", Proc. Natl. Acad. Sci. USA, Nov. 1994, pp. 11348-11352, vol. 91.	
	AZ	Motoi Nakao, et al., "High-resolution pH imaging sensor for microscopic observation of microorganisms", Sensors and Actuators B 34, Apr. 24, 1996, pp. 234-239.	
	BA	Yoshitaka Ito, "High-spatial resolution LAPS", Sensors and Actuators B 52, May 20, 1998, pp. 107-111.	
	BB	S. R. Manalis, et al., "Microvolume field-effect pH sensor for the scanning probe microscope", Applied Physics Letters, Feb. 21, 2000, pp. 1072-1074, vol. 76, No. 8.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.